

AMENDMENTS TO THE CLAIMS

Please replace the claims with the following rewritten listing:

C1
Claim 1. (Previously Presented) Communication device comprising a housing enclosing at least one loudspeaker and at least part of at least one antenna inside the housing, said least one loudspeaker comprising an acoustic resonance chamber and said at least one antenna comprising at least one electromagnetic resonance chamber, wherein the acoustic resonance chamber is completely or partly located within the electromagnetic resonance chamber.

Claim 2. (Previously Presented) Communication device according to claim 1, wherein the at least one antenna is a directive patch antenna.

B2
Claim 3. (Previously Presented) Communication device according to claim 1, wherein at least one antenna is a dual band antenna.

Claim 4. (Previously Presented) Communication device according to claim 1, wherein the at least one antenna defines walls of the acoustic resonance chamber completely or partly.

Claim 5. (Previously Presented) Communication device according to claim 1, wherein the loudspeaker is coupled with the resonance chamber by means of at least one acoustic channel.

Claim 6. (Previously Presented) Communication device according to claim 1, wherein the at least one antenna is a coil or loop antenna.

Claim 7. (Previously Presented) Communication device according to claim 1, wherein the acoustic resonance chamber is a pressure chamber.

Claim 8. (Previously Presented) Communication device according to claim 1, wherein the acoustic resonance chamber has acoustic openings to an exterior.

Claim 9. (Previously Presented) Communication device according to claim 1, wherein a dimension of the acoustic resonance chamber completely or partly located within the electromagnetic resonance chamber is 0.5 to 8 cm³.

Claim 10. (Previously Presented) Communication device according to claim 1, wherein the shared resonance chamber is on an inside reinforced by reinforcement elements or walls dividing the chamber into smaller volumes.

C1
J2
GNT
Claim 11. (Previously Presented) Communication device comprising a housing enclosing at least one loudspeaker and at least a part of at least one antenna inside the housing, said at least one loudspeaker comprising an acoustic resonance chamber and said at least one antenna comprising at least one electromagnetic resonance chamber, wherein the acoustic resonance chamber is completely or partly located within the electromagnetic resonance chamber, wherein said loudspeaker and said acoustic resonance chamber are separated by means of at least one electromagnetic screen, said loudspeaker and said acoustic resonance chamber are acoustically connected through said electromagnetic screen by means of at least one acoustically coupling means.

Claim 12. (Previously Presented) Communication device according to claim 11, wherein said screen is a ground plane of the antenna.

Claim 13. (Previously Presented) Communication device according to claim 11, wherein the loudspeaker is coupled with the acoustic resonance chamber by means of at least one acoustic channel passing through said screen.

Claim 14. (Currently Amended) Communication device according to claim 13¹, wherein the channel consists of one or more holes in said screen.

Claim 15. (Previously Presented) Communication device according to claim 14, wherein a number of holes is between 1 and 50.

Claim 16. (Previously Presented) Communication device according to claim 15, wherein a diameter of the one or more holes is between 0.5 and 5 mm.

Cl
Ba
Cont
Claim 17. (Previously Presented) Communication device comprising a housing enclosing at least one loudspeaker and at least a part of at least one antenna inside the housing, said at least one loudspeaker comprising an acoustic resonance chamber and said at least one antenna comprising at least one electromagnetic resonance chamber, wherein the acoustic resonance chamber is completely or partly located within the electromagnetic resonance chamber and the acoustic resonance chamber or at least a main part of the acoustic resonance chamber is located at a distance from said loudspeaker.

Claim 18. (Previously Presented) Communication device comprising a housing enclosing at least one loudspeaker and at least part of at least one antenna inside the housing, said at least one loudspeaker comprising an acoustic resonance chamber and said at least one antenna comprising at least one electromagnetic resonance chamber, wherein the acoustic resonance chamber is completely or partly located within the electromagnetic resonance chamber and the loudspeaker and the acoustic resonance chamber is connected by at least one acoustic coupling means.

Claim 19. (Previously Presented) Communication device according to claim 17, wherein the acoustic coupling means is at least one acoustic channel.

Claim 20. (Previously Presented) Communication device according to claim 6, wherein the coil or loop antenna is a directive coil or loop antenna.

Claim 21. (Previously Presented) Communication device according to claim 15, wherein the number of holes is 4.

Claim 22. (Previously Presented) Communication device according to claim 16, wherein the diameter of the one of more holes is 2mm.

Claim 23. (Previously Presented) Communication device according to claim 18, wherein the acoustic coupling means is at least one acoustic channel.

C1
Claim 24. (New) A communication device according to claim 1, wherein the electromagnetic resonance chamber is designed as a combination of a gaseous dielectric and a solid dielectric.

B2
Claim 25. (New) A communication device according to claim 24, wherein said gaseous dielectric is air.

cont
Claim 26. (New) A communication device according to claim 24, wherein the electromagnetic resonance chamber and the acoustic resonance chamber share an amount of said dielectric.

Claim 27. (New) A communication device according to claim 11, wherein the electromagnetic resonance chamber is designed as a combination of a gaseous dielectric and a solid dielectric.

Claim 28. (New) A communication device according to claim 27, wherein said gaseous dielectric is air.

Claim 29. (New) A communication device according to claim 27, wherein the electromagnetic resonance chamber and the acoustic resonance chamber share an amount of said dielectric.